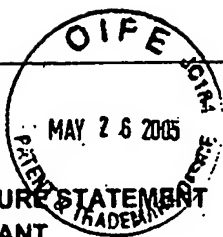


FORM PTO-1449
US Department of Commerce
Patent and Trademark Office

**INFORMATION DISCLOSURE STATEMENT
BY APPLICANT**
(Use Several Sheets if Necessary)



Docket Number
TSAR001US1

Serial Number
10/714,183

Filing Date
November 14, 2003

Group Art Unit
3681

U. S. PATENT DOCUMENTS

EXAMINER INITIAL	X	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
<i>zh</i>	A1	2,084,844	6/22/37	Harris	74	305	7/20/35
	A2	3,705,522	12/12/72	Ogawa	74	803	6/30/71
	A3	4,095,150	6/13/78	Senckel	318	227	7/12/76
	A4	5,692,989	12/2/97	Kamlukin	475	346	6/6/96
	A5	US2003/0027681A1	2/6/03	Kakeno	475	339	7/30/02
	A6						
	A7						
	A8						
	A9						
	A10						

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	B1							X
	B2							X
	B3							X
	B4							X

OTHER DOCUMENTS
(Including Author, Title, Date, Pertinent Pages, Etc.)

	C1	
	C2	
	C3	
	C4	
	C6	
	C6	

EXAMINER

ROGER PANG
PRIMARY EXAMINER

DATE CONSIDERED

7-27-05

BEST AVAILABLE COPY